

CLIMATOLOGICAL DATA FOR JUNE, 1911.

DISTRICT NO. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Unseasonably warm weather prevailed throughout the district during the first half of the month. From the 15th to 20th cool weather prevailed over the northern portion, but in the southern portion of the district temperatures continued high. During the third decade temperatures were much above the seasonal average over the northern portion of the district, but in Louisiana and Mississippi day temperatures were moderate.

Periods of precipitation were fairly well defined generally. In the Colorado area, speaking broadly, there were three periods of showers, viz., 8th-9th, 13th-22d, and 27th-30th. In the New Mexico area there were five periods of scattered showers as follows: 1st-2d, 8th-9th, 13th-14th, 17th-22d, and 27th-30th. In Oklahoma and the Texas and Kansas areas there were no well-defined periods of precipitation and only light scattered showers occurred over these areas. In Arkansas, Louisiana, and the Missouri, Tennessee, and Mississippi areas only light scattered showers occurred during the first 15 days of the month, but from the 16th to the close of the month showers occurred at some point every day, being excessive in some localities, except that no rain occurred in the Missouri area from the 28th to 30th. The only snowfall during the month was a trace at Marshall Pass, Colo.

TEMPERATURE.

Mean temperatures for the month were above the normal in all parts of the district, the departures ranging from +1.2 to +9.0. The region of greatest excess in mean temperature was over Oklahoma and the Kansas and Texas areas, and the smallest excess occurred in the mountainous portions of the Colorado area. The warmest weather occurred generally about the close of the first decade in the eastern and about the middle of the third decade over the western portion of the district, and maximum temperatures were above 100° at nearly all stations, and above 110° at many stations in Oklahoma and in the Kansas and Texas areas. The highest temperature for the district, 116°, occurred at Hugoton, Kans., on the 25th. A maximum reading of 114° was recorded at Ashland, Kans., and temperatures of 112° to 113° were recorded at many stations in Oklahoma and the Kansas and Texas areas. These excessively high temperatures were accompanied by summer hot winds, which were very injurious to vegetation. The monthly minimum temperatures occurred generally from the 10th to 15th, except in the Colorado area, where they occurred in many localities from the 1st to 5th. The lowest readings were generally below 40° in the Colorado and New Mexico areas and below 60° elsewhere over the district, except in Louisiana and the Mississippi area, where they were between 60° and 70°. The lowest temperature recorded during the month was 28° at Leadville, Colo. Taken as a whole, temperature conditions were favorable in the southern

portion of the district, but over the western and northern portions the excessively warm weather coupled with the light rainfall made conditions very unfavorable for agricultural and commercial pursuits.

Monthly mean temperatures and departures from the normal for the various States and areas are as follows: Colorado area, 68.0°, +3.1°; New Mexico area, 70.1°, +0.8°; Texas area, 81.2°, +6.4°; Kansas area, 80.4°, +6.7°; Oklahoma, 84.0°, +8.3°; Missouri area, 78.7°, +5.5°; Tennessee area, 79.5°, +3.3°; Arkansas, 80.9°, +4.2°; Mississippi area, 81.2°, +3.1°; Louisiana, 82.7°, +2.9°.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Very little precipitation occurred during the month over the greater portion of this drainage area. Over the headwaters of the Arkansas River in Colorado a few widely scattered stations reported an excess, but the average precipitation from 36 stations was 1.20 inches, about 0.6 inch below the normal. The precipitation was exceptionally light over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, the average from 44 stations being 0.83 inch, about 3.5 inches below the normal. The average from 18 stations in the Cimarron Valley was 1.14 inches, and the deficiency was about 2 inches. Over the Canadian Valley in New Mexico the precipitation was unevenly distributed, the average from 38 stations being 1.11 inches, about 0.8 inch below the normal. Very little precipitation occurred over those reaches of the Canadian Valley that lie in Texas and Oklahoma, the average from 32 stations being 0.95 inch, about 2.5 inches below the normal. Over the Verdigris and Neosho Valleys the deficiency averaged about 4.3 inches; the precipitation from 10 stations in the Verdigris Valley averaged 0.73 inch, and from 18 stations in the Neosho Valley 1.31 inches. Below the Oklahoma-Arkansas line the precipitation was heavier, the average from 15 stations being 2.12 inches, about half the normal amount.

Red River and tributaries.—Very little precipitation occurred over the portions of this drainage area that lie in New Mexico, Texas, and Oklahoma, where the average from 40 stations was 0.60 inch, about 3.4 inches below the normal. Over the lower reaches of the Red River in Arkansas and Louisiana about half the normal precipitation occurred, the average from 18 stations being 2.17 inches.

Mississippi south of St. Louis and small tributaries.—Less than the normal precipitation occurred over this drainage area, except in parts of Mississippi, and at a few other widely scattered stations. In the immediate Mississippi Valley the amounts from 44 stations averaged 3.40 inches, about 1.1 inches below the normal. Over the Valley of the Meramec the precipitation averaged about 1.5 inches below the normal. The average from 21 stations in the Valley of the White was 2.77 inches, about 1.7 inches below the normal. Good rains occurred gen-

erally over the Yazoo Valley, the average from 31 stations being 3.96 inches, about 0.3 inch above the normal. Nearly the normal precipitation occurred over the Valley of the Big Black, the average being 3.85 inches. The precipitation from 20 stations in the Ouachita Valley averaged 3.09 inches, about 1.4 inches below the normal.

Louisiana coastal plain.—The precipitation was unevenly distributed over this drainage area, being excessive in some localities and light in others. The average from 33 stations was 5.88 inches, about 0.3 inch above the normal.

Monthly precipitation and departures from the normal for the various States and parts of States (in inches) are reported as follows: Colorado area, 1.16, -0.50; New Mexico area, 1.06, -0.84; Texas area, 0.55, -3.91; Kansas area, 0.66, -4.01; Oklahoma, 1.12, -2.63; Missouri area, 2.75, -2.01; Tennessee area, 3.10, -1.19; Arkansas, 2.53, -1.77; Mississippi area, 4.06, +0.07; Louisiana, 4.63, -0.68.

RIVERS.

Regarding conditions over the headwaters of the Arkansas River in Colorado, Mr. F. H. Brandenburg, district forecaster, says:

The discharge of the Arkansas in its upper reaches above the head-gates of the large irrigation canals was above the average and nearly as great as that of June, 1909, when the maximum discharge of the last five years occurred. From the 1st of the month, the date of the lowest stage, to the 22d, when the highest occurred, the rise was steady, with practically no interruption, and the same is true of the decline that followed to the end of the month. East of the mountains the flow was small and irregular.

In Kansas and Oklahoma the Arkansas and its tributaries were low during the month, except that the south Canadian was high at the opening of the month, but the water fell rapidly in this stream. In Arkansas low stages prevailed during the greater part of the month and the river was navigable only for a few days in the first decade.

Changes in the Red River were slight and low stages prevailed at the close of the month.

Low stages prevailed in the White River. At Clarendon on the lower White the river declined from a stage of 14 feet on the 1st to a stage of 7.9 feet on the 21st, and the water continued low during the remainder of the month.

Low stages prevailed in the upper Ouachita during the month. The stage was high at Monroe during the first decade, but a rapid fall began on the 10th and the water was low at the close of the month.

Below St. Louis the Mississippi fell at all stations, except that a slight rise commenced at Memphis on the 24th and reached Vicksburg on the 30th. Low stages prevailed generally at the close of the month.

NOTES.

Oklahoma (J. Pemberton Slaughter, section director).—Conditions were very unfavorable, the weather of the month being unprecedentedly hot and dry. Wheat, oats, and upland corn are greatly damaged, or a failure. Wells, springs, and small streams were dry at the close of the month, and in many sections there was a scarcity of water for stock.

Kansas (T. B. Jennings, section director).—This has been the hottest and driest weather of record for the month of June.

Missouri (George Reeder, section director).—Over the southern part of Missouri, June, 1911, was the warmest and driest of record.

Mississippi (J. H. Scott, section director).—Thunderstorms were of frequent occurrence, but, as a rule, were

not accompanied by high winds, and only a few stations reported hail. Lightning struck a church steeple in Vicksburg on the afternoon of the 19th, doing minor damage to the roof.

Commissioners have been appointed for the Riverside drainage district, which proposes to drain about 25,000 acres of land through the center of Washington County, Miss. Engineers will be at once employed to make a survey and estimate the cost of the project. About three months will probably be required to complete the survey.

New Orleans, La.—The maximum temperature was 95° or above on nine days in June, being a greater number of days with such temperature than has previously been recorded during any entire year.

THE DROUGHT IN THE OZARKS OF SOUTHWESTERN MISSOURI IN 1911.

By JOHN S. HAZEN, Local Forecaster, Springfield, Mo.

No rain has fallen in Springfield, Mo., since the last day of April, 1911, except small amounts which only slightly relieved the generally dry conditions. The period of 60 days, from May 1 to June 30, almost without rain, breaks all records in this locality for continued dry weather at this season of the year. Showers fell on a number of days during this period, but the amounts were so small that they were of no real benefit, and vegetation is parched.

Hay, oats, gardens, berries, and pastures are failures. Apples are falling badly, and should the dry weather continue that crop will be ruined. In many orchards where the trees were not sprayed, or properly cared for otherwise, the fruit is practically ruined, but in those orchards which were smudged, sprayed, and given proper care the fruit is doing fairly well. The protection from low temperatures by smudging during the blooming period apparently gave more stamina to the fruit, and the orchards that were best protected at that time are in better condition than those not smudged.

Corn has been unusually well cultivated on account of the dry weather, and farmers are realizing some of the advantages of the principle of dry farming in the sustained vigor and growth of most of that crop.

The present period of dry weather has been accentuated by exceptionally high day temperatures during much of the time, by an abnormally high percentage of sunshine, and unusually low relative humidity. Much of the time during June the relative humidity was below 30 per cent.

A total precipitation of less than 12 inches during the last eight months, with a deficiency during the last two months, normally the wettest and principal crop-growing months of the season, of nearly 9 inches, indicates without doubt that this section has suffered severely. Conflicting opinions are held by persons in the vicinity of Springfield with regard to the severity of the drought, which appears to be due to the fact that local rains have occurred over restricted areas near the city. Heavy showers have been reported near Springfield during the last two months, but the territory covered in these cases has been very small and the results, so far as mitigating the general droughty conditions over the section under discussion, have been insignificant.

As a criterion of the conditions in this locality, potatoes and hay are quoted at higher prices than for years, all live stock is being fed full winter rations, water is lower than it has been for years, and the city water company is extending its mains to a new source of supply.

TABLE 1.—Climatological data for June, 1911. District No. 7, Lower Mississippi Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Colorado.</i>																				
Blaine.	Baca.	3,935	19	75.2	+ 3.6	104	24†	48	17	44	0.16	- 2.25	0.16	0	1	24	6	0	sw.	M. M. Myers.
Buena Vista.	Chaffee.	7,955	11																H. A. Short.	
Calhan.	El Paso.	6,700	4																H. B. Rice.	
Canon City.	Fremont.	5,343	23	71.3	+ 2.2	95	24†	46	2	41	0.78	- 0.13	0.45	0	6	23	5	2	n.	G. C. Sherwood.
Colorado Springs.	El Paso.	6,098	31	65.7	+ 2.2	86	23†	43	2	37	0.73	- 1.15	0.41	0	5	9	13	8	.....	Colorado College.
Cripple Creek.	Teller.	9,396	10								1.44	- 0.25	0.50	0	7				F. G. Willis.	
Cuchara Camps.	Huerfano.	8,200	2								0.44		0.25	0	4	22	6	2	sw.	George A. Mayes.
Eads.	Kiowa.	4,200	4	76.8	.....	100	24	50	57	48	0.82		0.45	0	11	21	7	3	sw.	W. H. Lauck.
Fairview.	Custer.	9,500	1								0.42		0.12	0	8	14	10	6	w.	Elizabeth L. Gray.
Fremont Exp. Station.	El Paso.	8,850	1	56.0	.....	78	28	36	10	33	0.93		0.33	0	8	12	9	8	.....	U. S. Forest Service.
Garfield.	Chaffee.	9,510	1								2.15		0.45	0	11	21	7	3	.....	Lloyd N. Felton.
Hamps.	Elbert.	5,400	18	65.9	.....	93	28	38	10	45	0.58	- 1.26	0.35	0	2	26	4	0	s.	W. Hamp.
Hermit Lake.	Custer.	10,000	1								2.66		0.70	0	9	16	10	4	sw.	John E. Graham.
Hoehne (near).	Las Animas.	5,700	19	69.3	+ 2.7	95	23†	36	8	53	0.14	- 1.03	0.12	0	2	23	0	0	se.	S. W. De Busk.
Holly.	Prowers.	3,380	16	75.9	+ 4.4	103	24	50	4	49	1.14	- 1.09	0.63	0	4	24	5	1	se.	Holly Sugar Co.
La Junta.	Otero.	4,052									0.27		0.13	0	4	27	2	1	.....	Fred B. Mason.
Lake Moraine.	El Paso.	10,265	17	52.2	+ 2.5	71	77	31	11	33	2.86	+ 0.66	0.56	0	12	9	8	13	sw.	Clyde C. McReynolds.
Lamar.	Prowers.	3,592	21	80.3	+ 7.2	105	28	50	51	51	0.52	- 1.48	0.23	0	3	25	5	0	s.	J. T. Lawless.
Las Animas.	Bent.	3,899	43	76.4	+ 4.2	103	24	49	47	47	1.40	+ 0.07	1.32	0	2				ne.	F. M. Tague.
La Veta Pass.	Costilla.	9,000	1								0.64		0.21	0	6	14	11	5	w.	Clara M. Wright.
Leadville.	Lake.	10,248	15	51.2	+ 1.2	73	11	28	10	38	3.03	+ 2.33	0.61	0	15	21	7	2	s.	U. S. Weather Bureau.
Limon (near).	Elbert.	5,360	4	67.0	.....	95	28†	37	10	47	0.92		0.68	0	4	21	7	2	s.	F. L. Palmer.
Madrid.	Las Animas.										0.51		0.24	0	7				Thos. Sawyers.	
Marshall Pass.	Seguache.	10,846	8								2.42		0.58	T.	8	8	18	4	w.	William D. Lillard.
Monument.	El Paso.	7,200	19	61.8	.....	85	77	34	11	46	0.84		0.33	0	3	15	9	6	w.	U. S. Forest Service.
North Lake.	Las Animas.	8,700	19								0.33	- 1.40	0.15	0	3	26	4	0	nw.	James W. Ingmire.
Pueblo.	Pueblo.	4,734	23	72.6	+ 3.6	97	28	48	2	42	0.46	- 0.82	0.45	0	2	12	12	6	.....	U. S. Weather Bureau.
Rocky Ford (near).	Otero.	4,177	22	73.0	+ 0.8	99	24†	45	10	45	0.67	- 0.61	0.45	0	2	23	6	1	e.w.	P. K. Blinn.
St. Elmo.	Chaffee.	9,500	2								1.32		0.40	0	9	17	10	3	sw.	Daniel Clark.
Salida.	do.	7,035	12	61.0	+ 0.7	85	11	32	3	47	1.70	+ 0.81	0.60	0	11	19	7	4	w.	M. D. L. Buell.
Santa Clara.	Huerfano.	8,252	16	61.4	+ 2.4	86	28	33	10	42	1.56	- 1.31	0.74	0	8	5	24	1	.....	Lincoln G. Morris.
Sheridan Lake.	Kiowa.	4,065	9	75.6	.....	102	8	45	10	50	0.21		0.21	0	1				s.	Howard Gamble.
Stonewall.	Las Animas.	8,000	5								0.93		0.42	0	7	7	14	9	.....	G. A. Storz.
Trinidad.	do.	5,994	15								1.01	- 1.34	0.45	0	4	22	8	0	.....	Mrs. Mattie H. Butler.
Victor.	Teller.	10,100	7	56.6	.....	79	5†	38	10	34	2.50		0.69	0	7	18	10	2	e.w.	Fred Jones.
Vilas.	Baca.	3,935	20								0.43	- 1.67	0.25	0	2	27	3	0	sw.	Carrie Konkel.
Wayne.	El Paso.										1.04		0.73	0	2	14	13	3	sw.	J. C. Groff.
Westcliffe.	Custer.	7,864	17								1.52		0.40	0	10	2	23	5	.....	Zack Jordan.
Winfeld.	Chaffee.	9,765	1	66.7	.....	89	24	41	10	39	1.23		0.43	0	5	11	10	9	s.	John G. Payne.
Woodman Sanatorium.	El Paso.										3.55	+ 2.31	0.65	0	12	0	22	8	nw.	Dr. J. E. White.
Wortman.	Lake.	11,250	10																George C. Wortman.	
<i>New Mexico.</i>																				
Abbott.	Mora.	5,711	2			94	11†				0.63		0.50	0	5	13	4	13	s.	Agent E. P. & S. W. R. R.
Albert.	Union.	4,700	20	76.6	+ 2.9	101	25	57	19	39	0.05	- 1.79	0.05	0	1				w.	Andrew Knell.
Aurora.	Colfax.	8,849	2								2.24		0.61	0	8	1	26	3	sw.	Miss J. Lucero.
Bell Ranch.	San Miguel.	4,500	13	76.4	.....	101	25	52	25	49	0.50	- 1.28	0.41	0	3	13	17	0	w.	C. M. O'Donel.
Black Lake.	Colfax.	8,348	2								1.71		0.47	0	7	2	26	2	w.	Ralph T. Martinez.
Cabeza.	San Miguel.	5,400	2			93	24†				0.53		0.30	0	3	4	26	0	sw.	Agent E. P. & S. W. R. R.
Campana.	do.	4,483	2								1.29		0.59	0	4	4	23	3	sw.	Alfred Lucero.
Chacon.	Mora.	9,000	2								1.78		0.60	0	6	2	28	0	w.	Wm. French.
Cimarron (near).	Colfax.	6,385	7	64.5	.....	87	28	41	3	40	2.44		0.80	0	9	10	11	9	se.	Dr. W. W. Chilton.
Clayton.	Union.	5,178	6	73.2	.....	100	25	54	1	39	T.		T.	0	0	23	7	0	w.	J. N. Barry.
Clovis.	Curry.	4,129				102	24	48	16	53									sw.	Agent E. P. & S. W. R. R.
Cuervo.	Guadalupe.	4,849	2	76.5	.....	100	25	54	18	42	1.15		0.80	0	5	13	15	2	s.	Do.
Dawson.	Colfax.	6,396	2								1.34		0.50	0	9	7	18	5	sw.	Miss M. Carrington.
Elizabethtown.	do.	8,465	5	53.4	.....	81	28	24	47	53	1.42		0.53	0	8	14	13	0	sw.	David Rose.
Folsom.	Union.	6,399	11	67.2	+ 2.8	92	25	44	10†	46	0.60	- 1.10	0.40	0	4	17	13	0	sw.	M. C. Needham.
Fort Union.	Mora.	6,835	51	62.3	- 3.1	85	24†	38	4	43	1.61	- 0.63	0.80	0	8	19	10	1	sw.	Jamee D. Dickson.
Hayden.	Union.	4,444	2	75.0	.....	100	25	52	11	40	0.80		0.27	0	5	6	24	0	s.	A. J. Meloche, Jr.
Johnson Park.	Colfax.	6,722	2								1.68		0.64	0	5	10	20	0	sw.	Anthony Kappus.
Kappus.	Quay.	4,000									1.00		0.60	0	4				sw.	John Campbell.
Lake Alice.	Colfax.	7,160	2								0.47		0.47	0	1	27	3	0	s.	John B. Reneau.
Logan.	Quay.	3,851	5	77.8	.....	104	25	52	13	44	0.47		0.47	0	1				sw.	A. Pacheco.
Los Alamos.	San Miguel.	6,789	6								1.23		0.81	0	5	17	13	0	s.	J. G. Buchanan.
Lykins (near).	Roosevelt.	5,000	1								1.62		0.67	0	6				sw.	D. N. Jackson.
Maxwell (near).	Colfax.	5,894	3								0.70		0.42	0	7				sw.	Dr. F. G. Porter.
Melrose.	Curry.	4,400	3								0.68		0.42	0	5	6	23	1	sw.	Farmers' Development Co.
Miami ranch.	Colfax.	6,000	3	68.3	.....	90	28†	45	12	38	1.99		0.33	0	4	3	23	4	sw.	Agent E. P. & S. W. R. R.
Montoya.	Quay.	4,335	2								0.60		0.33	0	3	13	13	0	sw.	E. F. Grygle.
Mt. Dora (near).	Union.	5,600	1	72.5	.....	100	25	46	19	454	0.32		0.32	0	1	13	13	0	sw.	George Bringle.
Nara Visa.	Quay.	4,225	5	77.1	.....	102	25	51	17	36	0.72		0.64	0	2	26	3	1	sw.	Mrs. John R. Strong.
Ocate.	Mora																			

TABLE 1.—Climatological data for June, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
Texas—Continued.																				
Bonham.	Fannin.	566	8							0.40	-2.38	0.40	0	1	11	18	1	s.	H. M. Norman.	
Canadian.	Hemphill.	2,339	4							0.08	0.06	0	1						Canadian Academy.	
Childress.	Childress.	1,869	18							0.12	0.04	0	4	28	2	0	se.	W. E. Davis.		
Chillicothe.	Hardeman.	1,406	3							0.23	-2.85	1.07	0	3					A. B. Connor.	
Clarendon.	Donley.	2,719	6	80.4	+ 5.4	112	25	55	13	41	0.13	0.04	0	1					Whitfield Carhart.	
Clarksville.	Red River.	442	19	85.2	+ 5.4	105	28	66	21	34	2.23	0.04	0	1					J. W. O'Neill.	
Claude.	Armstrong.	3,397	6							0.04	0.04	0	1					F. W. & D. C. Ry.		
Dalhart.	Dallam.	3,988	6	75.9		105	26	53	11	46	0.28	0.19	2	25	2	3	sw.	F. L. Kennard.		
Denison.	Grayson.	3								0.38	0.20	0	3	17	7	6	s.	E. B. Wilson.		
Finlay.	Bowie.	1								1.23	-3.12	1.00	0	2	23	5	2	s.	Robt. L. Smith.	
Henrietta.	Clay.	915	19	87.3	+ 7.6	110	24	61	19	39	0.40	0.30	0	3	15	14	1	s.	C. K. Brown.	
Hereford.	Deaf Smith.	3,750	6							0.50	0.50	0	1	24	0	6	s.	A. C. Elliott.		
Lewis Ferry.	Bowie.	2								1.05	1.00	0	2	21	4	5	w.	P. G. Ruff.		
Memphis.	Hall.	2,067	6	81.4		109	24	60 ^b	23	47 ^b	1.05	T.	0	0	29	1	0	s.	F. W. & D. C. Ry.	
Miami.	Roberts.	2,743	5	79.8		109	25	55	12	47	0.00	0	0	0	30	0	0	s.	J. E. Kinney.	
Moebetie.	Wheeler.	17								0.00	0	0	0					Dr. W. J. Joss.		
Nazareth.	Castro.	5								3.05	2.17	0	3	17	5	8	sw.	Rev. P. A. Kaelin.		
Ochiltree.	Ochiltree.	3								0.25	0.25	0	5	17	13	0	s.	S. J. Allen.		
Pampa.	Gray.	3,226	2							0.91	0.81	0	2					B. E. Finley.		
Paris.	Lamar.	592	22	84.8	+ 6.1	104	11	65	13	36	1.18	-2.06	0.84	0	2	20	6	4	s.	Robert A. Miller.
Plemons.	Hutchinson.	4	75.8			107	25	49	11	45	0.14	0.08	0	2	28	2	0	s.	C. S. Solomon.	
Quanah.	Hardeman.	1,563	6	86.8		112	24	66	20	40	0.00	0	0	0	28	2	0	s.	William H. Crawford.	
Ringo Crossing.	Hopkins.	1								3.05	0	0	0					H. J. Palmer.		
Romero.	Hartley.	745	18	87.0	+ 8.0	103	24	52	17	43	0.64	0.20	0	3	19	7	4	s.	R. S. Chamberlain.	
Sherman.	Grayson.	4,694	6							0.40	-4.30	0.20	0	3	29	1	0	s.	R. A. Gibbs.	
Texline.	Dallam.	3,501	13	77.4		108	25	54	12	41	T.	-2.68	T.	0	0	9	21	0	s.	F. W. & D. C. Ry.
Tulia.	Swisher.	958	5							0.29	-3.49	0.21	0	4	23	6	1	sw.	Lou Mulhall.	
Wichita Falls.	Wichita.									0.27	0	0	1	23	7	0	sw.	R. A. Thompson.		
Winfield.	Titus.	1																J. C. Bostick.		
Kansas.																				
Alden.	Rice.	1,684	1	81.6		113	25	56	13	41	0.67	-4.21	0.43	0	2	28	0	2	se.	L. B. Wait.
Anthony.	Harper.	1,329	14	81.6		107	25	55	12	42	0.15	0.12	0	2	25	15	0	sw.	R. H. Beebe.	
Ashland.	Clark.	1,951	23	80.0	+ 4.8	114	25	55	12	52	2.03	-1.57	1.05	0	3	24	5	1	s.	C. W. Carson.
Burlington.	Coffey.	1,010	18	82.0	+ 8.7	107	25	52	13	41	0.10	-6.36	0.10	0	1	4	26	0	s.	O. E. Sanford.
Chanute.	Neosho.	940	7	81.3		102	25	56	12	41	2.20	0.99	0	4	23	4	3	s.	C. W. Brown.	
Coldwater.	Comanche.	2,090	14	80.4	+ 3.8	111	25	54	12	39	0.86	-2.89	0.86	0	1	25	5	0	s.	J. L. Stanley.
Columbus.	Cherokee.	598	21	82.0	+ 7.9	107	10	56	13	42	2.76	-3.54	1.79	0	4	25	3	2	s.	O. E. Skinner.
Coolidge.	Hamilton.	3,348	14	76.4	+ 4.3	105	24	50	12	40	0.60	-1.87	0.60	0	1	19	9	2	sw.	W. R. Padley.
Cottonwood Falls.	Chase.	1,234	7	80.6		110	25	47	13	44	0.19	0.13	0.13	0	3	25	5	0	s.	E. B. Greene.
Council Grove.	Morris.	1,234	2	79.9		109	25	51	13	42	0.48	0.23	0.23	0	6	19	9	2	sw.	J. P. Blackledge.
Cunningham.	Kingman.	1,650	27	80.8	+ 6.1	112	25	51	12	43	0.10	-3.90	0.10	0	1	19	11	0	s.	W. H. Morton.
Dodge City.	Ford.	2,513	37	77.9	+ 4.8	107	25	56	12	45	0.63	-2.60	0.60	0	3	23	7	0	s.	U. S. Weather Bureau.
Eldorado.	Butler.	1,291	9	80.3		107	25	52	12	45	0.21	0.21	0	1	27	3	0	s.	W. Y. Miller.	
Ellinwood.	Barton.	1,790	36	79.0	+ 6.1	113	25	49	12	45	0.86	-3.58	0.83	0	3	11	19	0	se.	Martin Musil.
Emporia.	Lyons.	1,138	30	79.4	+ 5.4	106	25	59	12	42	0.65	-4.44	0.27	0	3	23	7	0	s.	W. H. Boyles.
Eureka.	Greenwood.	1,079	15	81.0		107	25	56	12	40	0.77	-4.43	0.40	0	3	28	0	2	s.	W. S. Moonlight.
Fall River.	do.	925	15	82.0	+ 8.9	104	16	51	13	48	0.70	-4.71	0.35	0	3	27	3	0	s.	J. McDaniel.
Fargo.	Seward.	1								1.08	1.18	0	4	16	13	1	1	s.	N. B. Swink.	
Fredonia.	Wilson.	864	8	82.8		105	16	55	12	39	0.99	-2.05	0.46	0	3	21	8	1	s.	B. W. Holmes.
Garden City.	Finney.	2,836	23	77.2	+ 4.0	107	24	48	12	49	1.46	-0.75	0.92	0	4	24	6	0	s.	B. F. Stocks.
Great Bend.	Barton.	1,890	2							1.19	0.92	0	2	28	2	0	0	s.	I. Pritchard.	
Greensburg.	Kiowa.	2,235	4	78.8		110	25	51	12	42	0.09	0.05	0	2	20	0	0	s.	C. C. Raymond.	
Grenola.	Elk.	1,116	23	80.8	+ 7.1	104	25	54	12	45	1.07	-4.02	0.66	0	6	21	6	3	sw.	W. H. Lawyer.
Hess.	Gray.	2,700	5							1.12	0.60	0	4	25	4	1	1	s.	Fred Mallonee.	
Howard.	Elk.	1,112	4							0.53	0.36	0	2	25	5	0	0	s.	J. W. Eby.	
Hugoton.	Stevens.	7	77.0			116	25	46	11	61	0.63	-4.26	0.58	0	3	25	4	1	s.	E. M. Anderson.
Hutchinson.	Reno.	1,535	21	80.6	+ 7.2	112	25	50	12	42	0.63	-4.63	0.34	0	4	20	5	5	s.	E. S. Webster.
Independence.	Montgomery.	800	37	83.0	+ 7.4	104	16	51	13	43	0.61	-4.63	0.22	0	5	20	19	1	s.	F. L. Kenoyer.
Iola.	Allen.	984	5	81.2	+ 7.8	102	16	55	13	39	0.39	-4.34	0.25	0	5	19	10	1	s.	U. S. Weather Bureau.
Irene.	Hamilton.	3,440	1	76.6		106	24	51	11	50	0.52	-0.40	0.40	0	2	14	10	6	s.	N. M. Herbig.
Jetmore.	Hodgeman.	2,263	10	78.4		109	25	50	12	49	0.08	-2.59	0.39	0	3	25	15	0	s.	James Aiken.
Kingman.	Kingman.	1,504	3	81.5		111	25	52	12	42	0.02	0.02	0	1	22	6	0	s.	B. B. Anawalt.	
Rush.	do.	2,061	9	78.7		113	25	47	12	47	0.99	0.69	0	3	27	3	0	s.	Rodney Torrey.	
Lakin.	Kearney.	2,993	21	78.2	+ 6.3	111	24	48	13	51	1.01	-1.55	0.48	0	3	25	5	0	s.	C. H. Longstreth.
Larned.	Pawnee.	2,090	26	79.2		111	25	51	12	42	1.14	-2.90	0.78	0	4	24	5	1	s.	H. H. Wolcott.
Lebo.	Coffey.	1,138	25	81.0	+ 7.4	107	25	54	13	36	0.33	-5.49	0.21	0	4	20	10	0	sw.	J. J. Bowman.
Le Roy.	do.	990	2							0.12	-0.07	0.05	0	2	20	1	9	s.	F. W. Schmitt.	
Liberal.	Seward.	2,843	4	78.1		109	25	53	11	47	0.59	-0.23	0.59	0	4	20	4	6	sw.	Dr. R. T. Nichols.
Macksville.	Stafford.	2,032	22	78.8	+ 6.3	111	25	48	12	41	0.44	-3.64	0.26	0	3	19	9	2	se.	Mrs. Nellie Poling.
McPherson.	McPherson.	1,495	22	81.2	+ 7.7	114	25	52	12	42	0.53	-5.28	0.23	0	4	23	4	3	sw.	Edward F. Haberlein.
Madison.	Greenwood.	1,074	10	79.4		108	25	48	13	46	0.25	-5.41	0.22	0	2	21	9	0	s.	C. A. David.</td

TABLE 1.—Climatological data for June, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.			Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unimpaired.	Number of rainy days.					
					Date.	Highest.	Date.														
Oklahoma—Contd.																					
Arapaho.	Custer.	1,575	17	83.4	+ 7.0	113	24†	60	13	42	0.40	- 3.65	0.27	0	3	29	1	0	s.		
Ardmore.	Carter.	872	10	87.4	+ 9.0	108	16†	63	13	40	0.20	- 3.37	0.10	0	3	24	2	4	s.		
Arnett.	Ellis.	2,136	7	78.6	-	110	25	55	4	40	0.10	-	0.10	0	1	28	2	0	s.		
Bartlesville.	Washington.	687	3	84.2	-	106	6†	57	13	44	0.74	-	0.40	0	3	21	8	1	sw.		
Beaver.	Beaver.	2,500	15	80.8	+ 5.5	112	25	52	6	49	0.47	-	2.72	0.22	0	3	25	0	1	sw.	
Blackburn.	Pawnee.	800	10	85.7	+ 10.4	108	6	54	13	47	1.66	-	2.67	1.01	0	4	29	0	1	sw.	
Cache.	Comanche.	1,350	5	82.7	-	108	-	54	-	-	-	-	-	0.20	0	2	26	1	6	s.	
Calvin.	Hughes.	713	6	84.9	+ 8.4	108	6	58	13	44	1.64	-	1.02	0.72	0	3	23	1	6	s.	
Chandler.	Lincoln.	865	10	84.9	+ 8.4	108	6	58	13	44	1.38	-	2.60	0	3	25	0	5	s.		
Chattanooga.	Comanche.	1,150	5	87.0	+ 9.0	109	24†	57	13	47	0.36	-	3.19	1.50	0	3	27	3	0	s.	
Chickasha.	Grady.	1,091	10	87.0	+ 9.0	109	24†	57	13	48	0.53	-	0.27	0	3	23	7	1	s.		
Cloud Chief.	Washita.	1,400	9	85.7	-	111	24†	57	13	48	0.53	-	3.11	0.68	0	2	24	5	1	s.	
Durant.	Bryan.	643	10	84.8	+ 7.4	106	14	59	13†	47	0.88	-	1.77	0.72	0	3	25	3	2	s.	
Eldorado.	Jackson.	1,456	4	86.0	-	112	-	62	-	-	-	-	T.	-	0	1	24	6	0	s.	
El Reno.	Canadian.	1,400	20	86.0	+ 8.5	108	-	62	-	-	-	-	3.04	0.40	0	1	18	18	1	se.	
Enid.	Garfield.	1,269	10	85.4	+ 9.6	110	24†	60	12	40	1.37	-	1.77	0.72	0	3	20	8	2	s.	
Erick.	Beckham.	2,058	6	89.9	-	113	-	56	-	-	-	-	T.	-	0	2	24	6	0	s.	
Fairland.	Ottawa.	839	11	82.4	+ 7.9	104	8†	52	13	44	3.23	-	3.08	0.50	0	6	21	3	6	s.	
Fort Gibson.	Muskogee.	556	6	84.1	-	111	16†	61	20	42	0.01	-	0.01	0.55	0	1	18	12	0	s.	
Frederick.	Tillman.	1,293	5	87.4	-	108	25	53	19	49	0.69	-	0.09	0.55	0	5	25	2	3	s.	
Goodwell.	Texas.	3,300	1	84.1	-	108	25	53	19	49	0.69	-	0.09	0.55	0	2	25	4	1	s.	
Guthrie.	Logan.	1,000	18	86.2	+ 8.9	110	6	55	13	46	1.80	-	1.35	0.70	0	0	25	2	3	s.	
Guymon.	Texas.	3,133	2	84.1	-	108	-	56	-	-	-	-	T.	-	0	0	25	4	1	s.	
Harrington.	Roger Mills.	2,200	7	79.4	-	109	24†	56	19	39	0.00	-	0.00	0.00	0	0	25	4	1	s.	
Hartshorne.	Pittsburg.	700	12	86.0	+ 8.0	103	9†	55	13	39	0.42	-	4.55	0.37	0	2	26	2	2	s.	
Healdton.	Carter.	900	17	85.2	+ 7.5	111	24	52	12	50	0.49	-	2.83	0.18	0	4	22	8	0	s.	
Helena.	Alfalfa.	1,396	3	83.8	-	113	25	58	13	40	0.97	-	0.50	0	3	22	8	0	s.		
Hennessey.	Kingfisher.	1,166	16	86.8	+ 10.8	110	25	60	18	41	1.12	-	2.64	0.44	0	4	21	8	1	sw.	
Hobart.	Kiowa.	1,396	8	85.2	-	111	24†	61	20	43	0.22	-	0.13	0	2	21	8	1	s.		
Holdenville.	Hughes.	900	10	84.0	+ 8.5	107	17	59	13	42	1.01	-	3.35	0.61	0	6	24	6	0	s.	
Hooker.	Texas.	3,038	5	75.3	-	112	25	52	11	55	0.99	-	0.06	0	2	22	3	5	s.		
Hurley.	Cimarron.	4,200	3	78.0	-	104	25	56	1	45	0.60	-	0.60	0	1	22	0	0	s.		
Idabel.	McCurdy.	474	3	84.0	-	105	10†	59	13†	43	2.05	-	2.05	0	2	26	1	3	sw.		
Jefferson.	Grant.	1,062	17	82.5	+ 6.2	108	25	52	12	46	1.19	-	3.15	1.02	0	2	26	4	0	s.	
Kenton.	Cimarron.	4,000	10	74.8	+ 3.1	100	25	51	11†	42	0.14	-	1.77	0.07	0	2	23	6	1	s.	
Kingfisher.	Kingfisher.	1,046	14	86.6	+ 8.8	108	24	53	13	45	1.18	-	2.66	0.53	0	9	20	9	1	s.	
McAlester.	Pittsburg.	698	12	85.5	-	106	14	59	13	41	3.23	-	1.61	0.27	0	5	24	1	5	s.	
McComb.	Pottawatomie.	1,200	17	83.6	+ 7.4	104	-	56	-	-	-	-	1.00	0	0	2	15	11	0	s.	
Mangum.	Greer.	1,588	18	84.4	+ 6.6	112	24†	61	13†	47	1.36	-	3.32	1.25	0	2	20	8	2	se.	
Marlow.	Stephens.	1,292	10	85.7	+ 9.6	110	16	65	13	38	0.72	-	4.90	0.43	0	2	18	9	3	se.	
May.	Harper.																				
Meeker.	Lincoln.	1,030	17	84.8	+ 8.2	108	8†	58	13†	43	1.97	-	1.74	1.65	0	3	26	1	3	s.	
Muskogee.	Muskogee.	614	12	84.4	+ 8.8	105	16	58	13	40	0.73	-	3.03	0.73	0	1	21	4	1	s.	
Mutual.	Woodward.	312	-	81.2	-	115	25	54	13	45	0.27	-	0.27	0	1	25	4	1	s.		
Neola.	Caddo.	1,500	5	83.8	-	108	24	60	13†	40	0.39	-	0.22	0	3	23	7	0	s.		
Newkirk.	Kay.	1,149	13	85.6	+ 9.6	110	25	56	12	41	1.22	-	3.72	1.22	0	1	24	3	1	s.	
Norman.	Cleveland.	1,171	16	83.8	+ 6.8	108	16	56	13	37	1.22	-	2.85	0.44	0	5	12	18	0	s.	
Oakwood.	Dewey.	1,854	1	82.4	-	110	25	57	13	43	0.43	-	0.27	0	3	27	3	0	s.		
Okeene.	Blaine.	1,194	7	84.8	-	110	25	57	13	43	2.00	-	1.48	0	0	39	1	0	s.		
Oklahoma.	Oklahoma.	1,247	20	84.1	+ 8.4	106	16	63	13	38	0.26	-	2.81	0.21	0	2	25	4	1	s.	
Oklmulgee.	Oklmulgee.	752	7	84.2	-	103	-	57	-	-	-	-	0.43	0	0	3	19	7	4	s.	
Paula Valley.	Garvin.	880	11	85.0	+ 8.6	107	16	58	13	46	0.11	-	3.50	0.05	0	3	23	7	0	sw.	
Pawhuska.	Osage.	918	11	88.2	+ 12.6	110	6†	68	13	48	1.71	-	3.30	0.65	0	5	21	6	3	se.	
Perry.	Noble.	920	12	83.8	+ 8.3	108	6	57	13†	43	2.15	-	2.14	1.04	0	6	22	8	0	s.	
Ravia.	Johnston.	798	8	85.4	-	108	17	59	13	45	0.83	-	0.53	0	0	3	25	3	2	s.	
Sac and Fox Agency.	Lincoln.	900	18	85.7	+ 9.6	108	14	63	16	40	1.80	-	2.32	0.75	0	4	25	5	0	s.	
Shawnee.	Pottawatomie.	1,041	10	83.4	+ 7.8	106	6	56	13	44	0.32	-	0.01	4.05	0	4	11	18	1	sw.	
Snyder.	Payne.	1,356	22	86.6	-	111	24	60	20	45	0.37	-	0.37	0	1	18	12	0	sw.		
Stillwater.	Tulsa.	880	18	84.4	+ 8.6	105	6†	58	13	39	0.92	-	0.23	1.51	0	5	22	5	3	ne.	
Tulsa.	Craig.	700	22	85.8	-	108	10	58	13	41	2.44	-	1.97	1.13	0	4	22	8	0	s.	
Vinita.	Wagoner.	588	14	84.0	+ 7.6	103	16	56	13	40	0.64	-	3.21	0.50	0	4	22	4	4	s.	
Waukomis.	Garfield.	1,258	14	84.8	+ 8.1	110	25	58	13	44	0.96	-	2.62	0.43	0	4	21	9	0	sw.	
Waurika.	Jefferson.	988	1	86.8	-	110	24	63	13	41	0.38	-	0.21	0	0	4	28	4	0	s.	
Weatherford.	Custer.	1,639	10	84.4	+ 9.2	111	25	53	20	47	0.71	-	2.96	0.39	0	3	20	9	1	s.	
Webber Falls.	Muskogee.	479	12	84.0	-	108	-	52	-	-	-	-	0.65	-	0.40	0	4	24	4	2	s.
Whiteagle.	Kay.	945	7	84.0	-	108	-	52	-	-	-	-	0.65	-	0.40	0	4	24	4	2	s.
Woodward.	Woodward.	1,893	8	80.8</																	

TABLE 1.—Climatological data for June, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of clear days.	Number of partly cloudy days.	Number of overcast days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.							
Kentucky.																					
Blandville.....	Ballard.....	445	29	78.0	+ 3.1	97	4	60	2	29	2.75	- 2.08	0.56	0	8	12	14	4	se.	E. W. Horr.	
Lynnyville.....	Graves.....		8																		
Tennessee.																					
Arlington.....	Shelby.....		29	79.6	+ 3.3	104	3	58	13	43	3.15	- 1.03	1.38	0	9	19	5	6	s.	A. Thomas B. Ethridge.	
Bolivar.....	Hardeman.....	450	24	79.7	+ 4.0	104	15	58	13	38	3.43	- 0.56	1.97	0	8	23	0	7	sw.	Miss M. A. Smith.	
Brownsville.....	Haywood.....	361	26	78.6	+ 2.2	100	4	53	2	39	2.70	- 1.46	0.79	0	6	21	6	3	s.	Miss Hattie N. Moses.	
Covington.....	Tipton.....	311	24	79.2	+ 2.7	100	16	61	13†	34	5.29	+ 1.28	2.30	0	10	24	0	6	s.	James S. Ruffin.	
Dyersburg.....	Dyer.....	310	28	80.2	+ 3.3	101	4	61	2	35	2.80	- 1.11	1.10	0	6	24	3	3	se.	Miss Martha A. Sinclair.	
Jackson.....	Madison.....	450	18	80.4	+ 3.9	104	16	55	13	43	2.12	- 2.62	1.10	0	6	16	8	6	nw.	Prof. Shelby A. Robert.	
Kenton.....	Obion.....	325	9	79.0		101	4†	58	2	38	4.07	- 2.27	0.98	0	9	17	7	6	sw.	G. S. Martin.	
Memphis.....	Shelby.....	409	40	80.9	+ 3.2	97	3	66	28	28	1.73	- 2.64	0.68	0	9	10	12	8	sw.	U. S. Weather Bureau.	
Milan.....	Gibson.....	440	23	78.2	+ 2.3	100	16	58	2	34	4.22	- 0.17	1.20	0	7	12	5	13	s.	Orlando F. Cantwell.	
Trenton.....	do.....	345	28	78.4	+ 3.8	102	4†	54	13	44	2.81	- 1.43	1.09	0	8	21	9	0	nw.	Prof. F. L. Dennison.	
Union City.....	Obion.....	360	13	80.2	+ 4.4	104	9†	58	13†	43	1.80	- 2.14	0.62	0	7	15	13	2	s.	J. B. Kimzey.	
Arkansas.																					
Ajicia.....	Lawrence.....		7	79.9		98	10†	58	14	36	4.75		1.90	0	8	19	11	0	n.	McCullough & Guelck.	
Amity.....	Clark.....	250	19	82.2	+ 6.0	106	7†	54	13†	46	4.15	- 1.29	2.57	0	5	16	11	3	sw.	J. W. Campbell.	
Arkadelphia (near).....	do.....	250	4	83.8		106	10	59	14	41	1.56		0.50	0	7	15	11	4	sw.	J. A. Ross.	
Arkansas City.....	Deshaw.....	145	28										3.54	- 0.63	0.90	0	6			W. C. Blundell.	
Batesville.....	Independence.....	271	6										3.89		1.92	0	10			Lelia I. Teter.	
Bee Branch.....	Van Buren.....		19	80.9	+ 0.5	104	10	57	14	44	5.30	+ 2.18	1.50	0	7	12	14	4		J. E. Scanlan.	
Benton.....	Saline.....	283	4										2.37		0.82	0	7			P. B. Jackson.	
Bentonville.....	Benton.....	1,303	6	79.0	+ 4.9	99	16	50	13	41	1.71	- 2.84	1.12	0	6	23	6	1	s.	U. S. Weather Bureau.	
Bergman.....	Boone.....	1,324	15	75.7	+ 3.0	100	8†	47	13	50	1.84	- 2.34	0.98	0	7	23	4	3	sw.	John T. Maxey.	
Black Rock.....	Brinkley.....	259	7										1.34		0.62	0	4			S. J. Howe.	
Calico Rock.....	Monroe.....	226	25	80.7	+ 3.6	103	3†	58	13†	44	1.90	- 1.52	0.72	0	6				H. L. D. Whitson.		
Camden.....	Izard.....	361	7										1.25		0.60	0	4			W. H. Stoner.	
Centerpoint.....	Ouachita.....	158	26	81.7	+ 3.7	102	10	55	13	41	3.02	- 1.86	0.74	0	6				R. H. Quarterman.		
Clarendon.....	Howard.....	470	11	83.6	+ 5.3	104	11	53	14	43	2.14	- 2.58	0.75	0	6	17	10	3	se.	J. M. Huddleston.	
Conway.....	Monroe.....	171	1										1.53		0.82	0	7			Mrs. B. E. Bishop.	
Corning.....	Faulkner.....	309	28	81.2	+ 4.4	104	10	57	14	44	1.85	- 2.15	0.69	0	9	14	14	2	se.	G. H. Burr.	
Dardanelle.....	Clay.....	293	19	78.9	+ 3.2	99	16†	56	14	37	3.46	- 0.60	0.83	0	9	15	11	4	s.	Jacob Brobst.	
Dardanelle.....	Yell.....	330	25	81.2		102	10†	55	14	44	1.38	- 2.52	0.42	0	6				A. Bernard.		
Dodd City.....	Marion.....	1,175	30	79.2	+ 3.2	103	10	53	14	40	2.21	- 2.19	0.97	0	4				Neal Dodd.		
Dutton.....	Madison.....		9										1.53		0.86	0	3			J. M. Ricketts.	
Eldorado.....	Union.....	265	7	82.0		102	11	60	14	39	2.64		0.80	0	6				Jeff. J. Babb.		
England.....	Lonoke.....		5	80.9		101	3†	58	14	40	2.30		0.58	0	6	15	8	7	s.	J. C. Chemault.	
Eureka Springs.....	Carroll.....	1,465	9	79.0		99	17	56	14	38	2.39		1.05	0	5	11	19	0	sw.	George W. Nichols.	
Fayetteville.....	Washington.....	1,461	22	81.8	+ 8.1	100	8†	52	13	44	0.77	- 4.07	0.36	0	5	14	13	3	sw.	University of Arkansas.	
Fordyce.....	Dallas.....												0.49		0	7	19	6	s.	A. Tredick.	
Fort Smith.....	Sebastian.....	481	29	83.8	+ 7.0	102	9	61	13	35	0.45	- 3.39	0.23	0	5	17	9	4	sw.	U. S. Weather Bureau.	
Fulton.....	Hempsted.....	264	7										1.53		0.86	0	3			B. C. Logan.	
Hardy.....	Sharp.....	643	13	80.2	+ 5.6	103	17	59	14	38	4.74	- 0.84	2.60	0	7	8	14	3	sw.	C. A. Caywood.	
Helena.....	Phillips.....	182	26	80.6	+ 2.3	101	11	59	13	35	3.74	- 0.42	1.78	0	9				b.	B. F. Modisett.	
Hot Springs.....	Garland.....	600	5	81.0		104	10	54	13	45	3.80		2.60	0	5	21	7	2	s.	Hot Springs Water Co.	
Hutts.....	Union.....	85	4	82.2		104	10	60	14	38	3.95		1.49	0	7				c.	C. A. Berry.	
Jonesboro.....	Craighead.....	345	16	79.8	+ 1.9	102	3	58	2†	42	2.98	- 1.14	1.05	0	8	12	16	2	s.	Benedictine Sisters.	
Junction.....	Union.....	18	31.6	+ 3.9	105	10	57	13†	41	2.10	- 2.41	0.94	0	5	21	4	5	sw.	J. A. Lowderback.		
Lake Farm.....	Jefferson.....	195	4	80.3		104	11	51	13	45	2.53		1.20	0	4	17	10	3	s.	R. H. Gillispie.	
Lewisville.....	Lafayette.....	262	8	83.8		105	10	59	14	40	1.08		0.85	0	4	18	8	4	sw.	F. W. Youmans.	
Little Rock.....	Pulaski.....	357	32	81.7	+ 4.5	100	10	67	20	29	3.11	- 0.98	1.98	0	9	12	11	7	sw.	U. S. Weather Bureau.	
Lutherville.....	Johnson.....	775	14	79.9	+ 4.9	103	17	54	14	46	2.64	- 2.10	0.97	0	6	15	9	6	sw.	G. H. Hentschel.	
Malvern.....	Hot Spring.....	277	24	81.4	+ 4.1	103	10	57	14	41	2.84	- 0.72	1.05	0	7				s.	Miss L. C. Smith.	
Mammoth Spring.....	Fulton.....	512	7	77.6		105	17	52	13	42	3.04		1.52	0	5	15	14	1	sw.	F. Wallack.	
Marked Tree.....	Poinsett.....	229	7										2.11		2.01	0	2			L. Smith.	
Mea.....	Polk.....	1,100	25	81.7	+ 5.9	101	10†	64	18†	34	3.36	- 1.08	1.45	0	4	16	10	4	sw.	R. R. St. John.	
Newport.....	Jackson.....	231	27	81.7	+ 4.7	101	10	63	14	35	3.93	+ 0.13	1.15	0	8				e.	Chas. Sprigg.	
Ozark.....	Franklin.....	377	20	83.4	+ 5.2	105	17	67	16	36	0.91	- 3.72	0.60	0	4	21	8	1	sw.	R. M. Adams.	
Pine Bluff.....	Jefferson.....	215	23	82.0	+ 2.9	102	11	60	14	38	2.04	- 2.09	1.03	0	5				sw.	J. M. Hudson.	
Pond.....	Randolph.....	19	80.6	+ 5.5	101	6	48	14	40	1.84	- 2.04	0.55	0	7	18	11	1	sw.	Benedictine Sisters.		
Portland.....	Benton.....	1,250	14	79.2	+ 5.9	99	6	48	13	44	3.23	- 2.59	1.70	0	5	1	25	4	sw.	A. F. Stevens.	
Prescott.....	Ashley.....	122	2	81.2		102	11	52	13	42	5.68		2.50	0	9				sw.	L. W. Gregory.	
Rogers.....	Nevada.....	327	23	81.6	+ 3.2	101	56	44	12	40	2.03	- 1.27	0.67	0	5				sw.	A. M. Ellsworth.	
Springbank.....	Benton.....	1,385	26	78.9	+ 2.0	99	17	53	13†	47	1.57	- 3.01	0.80	0	5	19	8	3	sw.	Carl A. Starck.	
Stuttgart.....	Miller.....	182	4										1.48		0.82	0	5			sw.	G. Field.
Sublaco.....	Arkansas.....	495	24	81.4	+ 4.1	104	16	55	13	40	2.08	- 2.23	0.51	0	8	20					

TABLE 1.—Climatological data for June, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.					Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.
Mississippi—Continued.																			
Grenada.	Grenada.	124	2	81.2	+ 3.8	101	3†	62	2†	33	2.74	.....	.81	0	9	20	3	7 se.
Herzando.	De Soto.	321	23	81.2	+ 3.8	101	3†	62	2†	33	2.86	.....	.95	0	8	15	9	6 se.
Hickory Flat.	Benton.	435	2	81.2	+ 3.8	101	3†	62	2†	33	2.48	.....	.87	0	10	15	13	2 sw.
Holly Springs.	Marshall.	600	24	79.8	+ 2.2	99	11	62	13	31	1.72	- 2.53	.51	0	8	21	0	9 se.	
Kosciusko.	Attala.	430	21	80.8	+ 3.3	103	11	58	13†	39	5.51	+ 1.49	1.43	0	16	20	5	5 sw.	
Lake Cormorant.	De Soto.	206	2	81.2	.....	.....	.....	.....	.....	.....	2.63	.....	.74	0	7	14	9	7 sw.
Lula.	Coahoma.	182	2	81.2	.....	.....	.....	.....	.....	.....	4.79	.....	1.45	0	7	21	2	7
Malone.	Marshall.	3	2	81.2	.....	.....	.....	.....	.....	.....	2.56	.....	1.38	0	10	10	0	0
Marks.	Quitman.	163	2	81.2	.....	.....	.....	.....	.....	.....	3.61	.....	1.15	0	9	11	11	nw.
Natchez.	Adams.	206	23	82.4	+ 2.5	101	7†	61	13	36	2.81	- 1.25	1.21	0	7	19	0	11 nw.	
New Albany.	Union.	308	2	81.2	.....	.....	.....	.....	.....	.....	3.42	.....	1.24	0	8	15	13	2 s.
Pontotoc.	Pontotoc.	475	22	79.2	+ 2.6	99	11	60	12	31	4.73	+ 0.61	1.60	0	6	16	10	4 nw.	
Port Gibson.	Claiborne.	116	23	81.4	+ 2.6	103	16	58	14	43	5.78	+ 1.19	2.96	0	9	19	9	e.	
Rosedale.	Bolivar.	143	3	80.9	.....	101	11†	59	13†	39	5.74	.....	1.30	0	9	21	1	8 sw.
Senatobia.	Tate.	284	2	81.2	.....	104	11	58	13	40	3.03	- 0.08	1.06	0	10	18	0	12 s.
Shoecoe.	Madison.	8	8	81.2	.....	104	11	58	13	40	3.03	- 0.08	1.17	0	8	16	8	se.
Suffolk.	Franklin.	10	82.6	+ 3.8	105	9	62	13	39	6.51	+ 2.25	1.58	0	11	18	5	7 sw.		
Swan Lake.	Tallahatchie.	148	6	81.6	.....	103	3	58	13	39	4.72	.....	.95	0	7	7	7	.....
Tohula.	Holmes.	130	6	81.6	.....	103	3	58	13	39	4.72	.....	2.51	0	8	21	7	w.
University.	Lafayette.	502	18	80.5	+ 4.0	102	11	61	13	32	4.28	- 0.24	2.45	0	8	20	4	6 s.	
Utica.	Hinds.	287	7	81.4	.....	103	16	59	13†	39	7.11	.....	2.63	0	8	15	4	10a se.
Vicksburg.	Warren.	247	40	82.6	+ 4.1	98	11	69	13	24	2.07	- 2.42	1.29	0	8	14	11	5 sw.	
Water Valley.	Yalobusha.	300	22	81.2	+ 3.7	103	11	59	14	30	4.30	- 1.53	.62	0	8	15	9	6 s.	
Woodville.	Wilkinson.	560	18	81.3	+ 1.9	101	15	65	14	35	5.40	+ 0.95	1.74	0	9	19	11	0 se.	
Yazoo City.	Yazoo.	116	17	81.4	+ 1.4	100	11	58	13	35	4.30	+ 0.03	1.86	0	8	23	1	6 se.	
Louisiana.																			
Abbeville.	Vermilion.	18	23	84.0	+ 4.1	104	9	66	14	36	4.40	- 1.70	1.64	0	0	19	8	3 so.	
Alexandria.	Rapides.	77	23	82.0	+ 2.4	100	9†	59	14	40	2.05	- 3.58	.93	0	4	22	2	6 s.	
Amite.	Tangipahoa.	130	23	81.4	+ 1.8	100	7†	62	13†	37	9.27	+ 3.66	1.84	0	11	12	18	0 n.	
Avoca Island.	St. Mary.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baton Rouge.	E. Baton Rouge.	60	23	82.0	+ 2.3	99	12	66	15	32	5.71	+ 0.82	1.90	0	5	16	4	10 e.	
Burnside.	Ascension.	2	11	81.6	+ 2.3	99	12	63	14	35	7.57	+ 2.30	2.70	0	10	1	19	10 sw.	
Burwood.	Plaquemines.	1	23	83.9	+ 3.6	96	18	67	20	17	6.41	+ 2.24	2.44	0	5	18	8	4 s.	
Cades.	St. Martin.	1	83.0	.....	100	12	68	14†	30	5.39	.....	1.98	0	8	24	3	3 s.	
Calhoun.	Ouachita.	180	23	82.3	+ 3.3	103	15	57	14	45	4.05	- 0.27	1.94	0	8	15	12	3 sw.	
Cameron.	Carrollton.	6	18	81.3	+ 0.8	100	13	68	20	29	6.02	- 5.14	.50	0	2	13	15	2 sw.	
Cheneyville.	Rapides.	67	23	82.2	+ 2.7	103	9	58	13†	43	2.65	- 3.06	.90	0	5	17	4	9 w.	
Cinclare.	W. Baton Rouge.	1	82.1	.....	101	8	62	14	36	4.61	.....	2.41	0	6	19	3	8 s.	
Clinton.	East Feliciana.	113	23	81.0	+ 1.9	99	12†	62	13†	36	3.90	- 1.26	1.33	0	6	19	2	9 n.	
Collinston.	Morehouse.	65	10	81.8	+ 2.1	101	3†	57	14	40	4.30	.....	.90	0	8	15	9	6 s.
Covington.	St. Tammany.	39	19	82.5	+ 2.6	102	12	63	14	36	5.05	- 0.38	1.57	0	7	16	6	8 s.	
Dodson.	Winn.	2	83.7	.....	104	15	60	13†	39	3.09	.....	1.10	0	6	15	13	2 w.	
Donaldsonville.	Ascension.	33	23	81.9	+ 2.0	98	1†	68	14†	28	13.64	+ 7.53	4.00	0	9	18	7	5 s.	
Dutchtown.	Union.	177	23	81.2*	+ 2.3	100	15	59	12	34	3.79	- 0.41	1.50	0	7	21	2	7	
Farmerville.	Concordia.	4	81.0	.....	98	7†	58	14	36	3.29	.....	1.52	0	6	20	0	10 s.	
Ferriday.	Franklin.	10	19	84.1	+ 3.2	102	2†	67	14	34	8.71	+ 2.45	2.00	0	9	18	6	6 s.	
Grand Cane.	De Soto.	302	23	80.8	+ 2.1	104	16	51	14	50	1.36	- 3.45	.74	0	5	12	4	4 s.	
Grand Coteau.	St. Landry.	93	23	83.4	+ 3.8	105	12	63	14	39	5.60	- 0.64	3.30	0	5	24	4	2 se.	
Hammond.	Tangipahoa.	44	19	81.6	+ 1.7	102	13	61	14	37	8.43	+ 3.15	2.35	0	8	17	9	4 se.	
Houma.	Terrebonne.	23	79.8	- 0.4	98	12	63	14†	36	5.00	- 0.91	2.10	0	8	22	0	8 w.		
Jena.	Catahoula.	33.6	10	104	9†	58	14	43	3.89	3.89	2.40	.....	10.0	0	15	5	5 s.	
Jennings.	Calcasieu.	30	14	83.4	+ 3.6	104	12	68	13†	33	3.67	- 1.23	1.87	0	7	11	17	2 sw.	
Lafayette.	Lafayette.	36	23	82.3	+ 2.4	101	12	65	14	33	4.69	- 1.96	1.75	0	7	14	10	6 w.	
Lake Charles.	Calcasieu.	22	31	81.8	+ 2.0	104	8†	60	14	41	6.80	+ 0.58	2.10	0	9	24	0	6 s.	
Lakeside.	Cameron.	9	10	82.9	+ 2.3	100	9†	68	14	32	5.88	.....	2.45	0	4	27	6	3 e.
La Rose (near).	La Fourche.	81.9	20	81.9	.....	98	2†	65	15	32	5.42	.....	1.83	0	13	21	7	2 e.
Lawrence.	Plaquemines.	6	20	84.8	+ 3.6	102	1†	70	19†	30	5.39	- 0.33	1.96	0	12	17	9	4 n.	
Leesville.	Vernon.	4	23	86.2	+ 6.3	106	2†	61	13	39	1.72	- 2.99	.55	0	5	19	6	5 s.	
Liberty Hill.	Blenville.	23	81.2	.....	100	15	59	12	34	3.79	- 0.41	1.50	0	7	21	2	7	
Logansport.	De Soto.	192	7	81.4	.....	98	7†	58	14	36	3.29	.....	1.52	0	6	20	0	10 s.
Melville.	St. Landry.	45	23	81.4	+ 1.9	101	2†	58	13†	41	4.14	- 0.48	1.02	0	8	17	10	3 se.	
Minden.	Webster.	194	23	83.6	+ 4.1	105	15	59	14	41	1.54	- 2.38	1.32	0	6	16	11	3 s.	
Monroe.	Ouachita.	82	23	83.6	+ 3.9	101	10†	64	9†	36	2.04	- 3.19	.80	0	6	24	0	6 e.	
Morgan City.	St. Mary.	14	5	83.2	.....	103	15	58	12	41	2.18	.....	1.64	0	8	14	6	10 se.
Newellton.	Tensas.	4	23	83.2	.....	104	11†	58	13	41	2.18	.....	1.21	0	4	14	11	5 se.
New Iberia.	Iberia.	15	23	83.2	+ 3.0	98	12	70	14	25	9.96	+ 3.35	0.20	0	5	14	11	5 se.	
New Orleans (1).	Orleans.	51	40	83.2	+ 3.6	98	12	70	22	23	6.23	+ 0.07	2.16	0	11	11	8	11 s.	
New Orleans (2).	do.	18	23	83.2	+ 2.6	100	9†	69	14†	31	4.27	- 1.18	2.30	0	11	11	7	12 s.	
Opelousas.	St. Landry.	83	19	84.4	+ 2.2	104	9†	62	14	40	6.03	+ 0.52	2.50	0	6	21	3	6 s.	
Paradis.	St. Charles.	298	5	83.2	.....	104	11†	58	13	41	1.26	- 3.76	.59	0	11	22	3	5 e.
Pearl River.	St. Tammany																		

TABLE 2.—*Daily precipitation for June, 1911. District No. 7, Lower Mississippi Valley.*

TABLE 2.—*Daily precipitation for June, 1911. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for June, 1911. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for June, 1911. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																													Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Tennessee—Contd.																																	
Dyersburg |||	Mississippi	.																															2.80
Jackson	do																															2.12	
Kenton	do	.40	T.	.08																											4.07		
Memphis	do	.35	T.	.14																											1.73		
Milan |||	do																														4.22		
Trenton	do	.37		.17	T.																									2.81			
Union City	do																														1.80		
Arkansas.																																	
Alicia	White																														4.75		
Amity	Ouachita																														4.15		
Arkadelphia (near)	do	.17																													1.56		
Arkansas City |||	Mississippi																														3.54		
Batesville |||	White																														3.89		
Bee Branch	Arkansas																														5.30		
Benton	Ouachita																														1.50		
Bentonville	Arkansas																														1.71		
Bergman	White																														1.84		
Black Rock |||	do																														1.34		
Brinkley |||	do																														2.90		
Calico Rock |||	do																														1.20		
Camden	Ouachita																														3.03		
Centerpoint	Red																														2.14		
Clarendon |||	White																														2.37		
Conway	Arkansas																														2.21		
Corning	White																														1.85		
Dardanelle	Arkansas																														3.46		
Dodd City	White																														1.38		
Dutton	do																														2.21		
Eldorado |||	Ouachita	T.																													2.64		
England |||	Arkansas																														2.20		
Eureka Springs	White																														2.39		
Fayetteville	do																														0.77		
Fordyce	Ouachita																														1.56		
Fort Smith	Arkansas																														1.53		
Fulton |||	Red																														2.05		
Hardy	White																														4.74		
Helena |||	Mississippi																														3.74		
Hot Springs	Ouachita																														3.80		
Huttig	do																														2.05		
Jonesboro	White																														2.98		
Junction	Ouachita																														2.10		
Lake Farm	Arkansas																														2.53		
Lewisville	Rei																														1.08		
Little Rock	Arkansas																														3.11		
Lutherville	do																														2.64		
McIverne |||	Ouachita	T.																													2.24		
Mammoth Spring	White																														3.04		
Marked Tree |||	St. Francis																														2.11		
Mena	Ouachita																														3.36		
Newport |||	White																														3.93		
Ozark	Arkansas																														0.91		
Pine Bluff |||	White																														2.04		
Pocahontas	do	.15																													1.84		
Fond	Arkansas																														3.23		
Portland |||	Ouachita																														5.68		
Prescott |||	do																														2.03		
Rogers	Arkansas																														1.57		
Springbank |||	Red																														1.48		
Stuttgart	Arkansas																														2.08		
Subiaco	do																														0.92		
Swain	White																														5.10		
Texarkana |||	Red																														0.27		
Warren |||	Ouachita																														2.11		
Whitecliffs |||	Red																														2.20		
Wiggs	Ouachita																														3.87		
Wynne |||	St. Francis																														2.69		
Mississippi.																																	
Anguilla	Yazoo																														5.59		
Austin	do	.06																													4.52		
Batesville |||	do	.47																															

TABLE 2.—*Daily precipitation for June, 1911. District No. 7—Continued.*

* Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1911. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.				New Mexico.				Texas.				Kansas.								Oklahoma.							
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore.		Bartlesville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	85	60	63	34	88	55	87	59	76	48	87	60	98	71	89	62	80	63	88	62	91	60	88	68	105	71	95	68
2....	93	64	66	30	90	48	89	61	80	47	89	61	99	72	91	67	93	70	92	63	94	75	102	74	101	72	101	72
3....	92	58	62	30	88	52	88	60	80	41	87	63	98	70	89	67	92	67	96	72	93	62	92	72	101	71	100	71
4....	98	51	68	33	92	52	92	58	83	45	89	59	98	71	90	64	94	63	97	71	95	58	93	72	101	74	100	71
5....	101	50	69	36	92	61	97	58	84	48	94	61	96	69	95	64	97	73	102	55	94	74	101	73	101	72	101	72
6....	101	56	71	38	88	60	97	61	85	45	95	66	102	71	93	60	95	60	96	70	96	57	94	72	106	74	106	72
7....	104	66	68	40	95	61	96	66	84	49	91	61	102	72	97	68	97	64	92	70	98	62	94	68	106	73	100	68
8....	103	67	64	40	89	68	90	61	80	54	91	62	102	73	95	67	99	68	101	71	92	62	98	74	105	73	105	72
9....	97	65	60	37	90	56	92	62	81	49	91	64	102	73	93	67	96	69	100	73	95	65	97	77	105	76	105	73
10....	94	55	65	28	81	49	85	62	80	46	84	64	103	72	88	66	92	64	96	71	90	62	93	73	106	76	106	77
11....	95	65	73	35	88	50	88	59	78	47	85	64	104	72	91	57	92	53	93	53	92	62	103	75	97	67	97	67
12....	97	50	72	39	90	59	90	60	82	49	90	62	98	69	89	56	86	60	92	55	92	66	100	67	90	60	90	60
13....	102	59	68	37	91	57	86	61	80	47	89	62	99	65	95	58	95	50	91	55	97	61	103	63	92	57	97	57
14....	98	64	67	37	86	61	88	61	75	48	88	60	103	67	92	65	101	63	95	61	93	68	107	68	106	62	106	62
15....	88	60	55	38	77	63	94	64	80	58	95	64	100	70	93	68	98	65	94	63	95	74	103	79	97	73	97	73
16....	94	60	58	35	82	54	92	61	79	43	96	62	101	73	94	62	100	68	102	73	98	61	99	72	108	78	106	62
17....	95	62	54	38	67	55	91	63	71	45	88	59	102	75	82	59	82	60	90	58	84	68	104	76	102	72	102	72
18....	88	60	64	36	81	50	89	61	77	47	83	60	93	74	85	61	82	64	85	62	84	65	86	70	84	67	86	67
19....	94	68	67	38	88	55	88	57	78	45	84	60	94	69	88	56	92	55	91	63	90	55	88	63	94	68	94	66
20....	96	70	68	38	88	61	81	61	77	49	88	62	95	69	89	60	94	54	93	60	92	54	94	68	104	78	104	66
21....	96	78	69	42	85	56	86	65	74	51	89	60	93	70	91	62	96	57	96	61	93	56	92	67	94	72	98	68
22....	98	76	65	36	86	57	89	61	75	48	89	63	91	68	92	63	98	60	95	63	94	62	92	70	89	69	92	69
23....	101	74	67	36	93	55	90	61	84	50	95	63	93	70	98	66	100	61	91	69	100	64	91	69	98	68	95	68
24....	102	80	69	40	96	57	100	65	86	52	104	69	97	71	103	70	104	71	98	68	108	69	101	70	108	72	104	69
25....	102	63	65	38	94	61	101	65	86	46	105	74	97	74	107	70	113	69	102	81	109	62	107	81	105	78	104	82
26....	89	64	63	35	79	64	97	68	80	52	87	70	98	76	84	68	94	70	96	67	96	69	91	67	102	78	94	80
27....	98	58	71	35	91	58	92	60	84	52	92	63	97	71	91	60	94	53	92	64	91	62	90	64	102	78	92	67
28....	105	63	70	40	97	57	95	62	87	51	94	67	98	72	95	64	96	67	96	68	95	64	97	76	100	71	102	73
29....	102	78	66	44	95	62	92	70	83	53	92	70	96	73	94	70	98	75	98	75	100	66	96	77	102	77	102	73
30....	99	73	66	40	91	69	92	61	82	54	99	73	93	73	98	74	96	74	98	74	96	68	97	76	100	76	102	73
Mns.	96.7	63.9	65.5	36.8	87.9	57.4	91.4	61.8	80.4	48.6	90.7	63.4	98.3	71.2	92.3	63.6	95.0	63.1	94.7	67.6	95.2	61.0	93.2	69.8	101.7	73.2	98.7	69.6

Date.	Oklahoma.										Missouri.										Lynnville, Ky.				Jackson, Tenn.		
	Enid.		McAlester.		Mangum.		Muskogee.		Oklahoma.		Weather- ford.		Wood- ward.		Caruthers- ville.		Ironton.		Lamar.		Olden.		Spring- field.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	101	68	100	72	99	72	96	69	71	98	69	93	67	89	64	94	63	93	53	92	62	90	62	87	62	97	66
2....	96	71	100	75	98	71	97	72	95	74	96	71	92	68	94	64	93	53	92	63	94	57	93	68	97	66	
3....	99	70	98	73	97	65	96	71	94	71	95	70	92	67	100	61	100	55	97	72	97	72	93	72	99	69	
4....	101	70	98	72	98	67	98	69	72	64	92	73	97	73	92	66	103	61	100	55	97	73	97	73	102	65	
5....	102	70	97	72	100	69	95	71	98	74	99	72	95	65	101	69	103	64	99	74	94	69	98	73	100	69	
6....	109	69	103	76	105	68	100	72	102	74	104	70	99	62	97	68	98	64	91	70	93	64	85	68	99	64	
7....	108	73	101	69	102	59	101	70	100	73	102	71	99	61	97	69	98	65	99	70	97	65	97	77	101	67	
8....	104	68	102	73	101	69	101	76	98	73	100	64	96	73	95	65	93	59	103	68	97	61	96	69	98	64	
9....	104	73	103	71	101	68	103	69	99	76	100	70	94	71	99	63	98	61	103	70	98	67	97	73	101	65	
10....	100	73	103																								

TABLE 3.—Maximum and minimum temperatures at selected stations for June, 1911. District No. 7—Continued.

Date.	Tennessee.				Arkansas.												Mississippi.				Clarksdale.		Corinth.		Greenville.				
	Kenton.		Memphis.		Bentonville.		Corning.		Dardanelle.		Eldorado.		Fort Smith.		Little Rock.		Pine Bluff.		Texarkana.		Wynne.		Clarksdale.		Corinth.		Greenville.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
.1....	90	66	88	73	89	65	88	65	94	66	97	69	94	70	92	72	97	68	95	73	92	67	96	69	90	67	98	71	
2.....	93	58	94	68	94	67	93	59	99	66	100	68	99	72	97	70	97	68	97	74	95	62	97	68	96	59	99	68	
3....	100	62	97	74	94	70	98	61	99	68	99	72	98	74	97	78	100	70	96	74	100	65	101	68	100	60	101	70	
4....	101	65	96	88	94	69	98	69	97	69	95	71	97	72	95	74	98	70	95	73	96	70	98	75	100	66	98	71	
5....	95	67	92	71	90	69	95	69	95	67	94	73	93	73	93	74	94	70	92	72	99	63	97	71	96	66	97	70	
6....	92	65	92	75	97	66	92	69	98	65	96	70	101	70	98	74	97	70	96	73	96	70	97	70	95	70	98	71	
7....	94	67	92	72	92	68	92	65	98	71	100	71	98	75	94	73	101	71	97	75	95	70	97	70	94	67	100	71	
8....	93	64	94	72	97	66	93	63	100	66	99	71	99	74	97	73	100	71	97	73	99	67	94	68	99	71	98	66	
9....	93	61	96	71	98	67	96	63	101	67	100	66	102	72	98	72	100	68	100	71	97	63	98	62	96	60	98	66	
10....	99	65	95	73	98	68	98	63	102	62	101	65	102	73	100	73	100	64	99	71	101	62	101	61	100	64	102	64	
11....	97	68	95	77	91	67	98	67	99	68	103	74	95	75	97	75	102	73	99	74	92	68	102	66	103	70	103	70	
12....	89	63	86	70	86	58	92	63	93	63	96	67	90	70	90	71	94	66	96	69	92	67	93	66	88	68	96	68	
13....	90	59	86	67	88	50	90	58	94	57	94	61	93	61	90	68	94	62	93	63	87	55	91	57	88	58	94	62	
14....	94	59	91	70	95	54	92	56	99	55	99	60	98	63	95	68	98	60	97	64	97	57	96	59	94	58	97	61	
15....	95	59	94	72	93	68	94	63	100	63	99	61	97	72	98	69	100	70	99	71	99	66	98	64	100	65	98	64	
16....	101	67	96	78	99	68	99	69	99	67	100	72	101	76	96	73	99	70	99	75	102	68	100	70	101	70	101	70	
17....	100	75	95	77	98	73	99	71	102	67	98	70	102	71	96	71	97	73	96	69	102	76	99	72	97	71	98	75	
18....	89	66	91	72	92	66	92	66	87	68	95	70	84	69	90	69	90	75	96	70	95	72	94	70	96	75	98	75	
19....	86	66	80	70	71	66	83	68	87	67	88	69	89	69	85	71	90	70	90	71	89	69	82	69	90	68	86	69	
20....	88	69	85	69	88	64	89	68	90	69	88	63	92	70	86	70	90	70	87	69	89	69	88	66	90	70	86	70	
21....	91	67	88	71	92	59	91	65	88	86	84	68	91	70	82	70	85	70	87	69	87	71	86	70	88	71	89	69	
22....	88	73	82	70	84	68	87	73	85	70	89	72	82	70	84	70	86	71	83	70	85	70	86	72	88	71	89	71	
23....	86	71	86	71	80	68	85	72	84	71	86	72	89	72	83	73	87	72	89	73	84	70	89	71	88	70	86	72	
24....	82	70	79	71	93	68	83	70	89	73	89	73	97	74	81	71	85	72	90	70	82	71	88	71	79	70	86	72	
25....	82	69	84	74	85	77	85	69	90	73	92	74	94	80	86	73	90	74	95	73	87	73	82	70	86	72	86	72	
26....	85	72	88	70	95	68	86	73	95	72	94	75	97	80	89	73	92	74	96	75	90	74	90	70	88	74	93	74	
27....	88	70	87	67	86	68	83	67	94	75	95	72	97	73	90	71	95	74	96	75	99	72	97	71	88	75	95	72	
28....	89	64	89	66	94	67	89	67	95	64	94	71	99	69	90	69	94	69	96	75	94	71	90	68	95	69	95	69	
29....	93	67	90	74	94	71	93	68	90	67	93	71	98	75	91	72	94	69	96	75	95	70	93	71	95	68	95	69	
30....	95	69	92	75	93	71	93	69	96	70	94	72	97	74	93	76	95	70	96	74	98	71	94	70	96	69	95	70	
Mns.	91.9	66.1	90.0	71.8	91.6	66.4	91.5	60.3	94.6	67.7	94.6	69.6	95.5	65.6	72.0	91.7	71.7	94.7	69.3	94.8	72.1	93.5	67.7	93.9	68.5	92.9	66.7	95.6	69.4

Date.	Mississippi.						Louisiana.												Shreveport.							
	Kosciusko.		Natchez.		Vicksburg.		Alexandria.		Baton Rouge.		Covington.		Lafayette.		Lake Charles.		Monroe.		New Orleans.		Robeline.		Schriever.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Wax.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	96	68	99	68	95	74	98	69	96	69	97	71	98	70	101	68	98	72	96	76	100	66	98	72	99	74
2....	98	68	91	69	97	76	99	69	98	72	98	73	97	75	99	71	94	79	101	64	99	77	99	75		
3....	101	68	90	73	90	76	98	72	98	77	98	74	94	74	98	68	98	72	93	76	94	67	97	77		
4....	99	73	95	76	92	75	95	71	94	72	93	73	93	74	95	67	96	71	91	75	96	67	94	75		
5....	94	68	95	72	90	74	97	67	93	70	97	70	95	68	94	67	94	74	96	70	95	67	95	73		
6....	94	67	97	73	92	75	98	67	95	72	97	72	95	71	96	67	99	76	100	70	98	75	97	74		
7....	98	69	101	74	96	77	99	71	97	73	100	73	98	75	100	70	99	75	100	76	101	71	98	75		
8....	96	69	100	73	97	75	99	72	98	74	102	71	99	75	104	70	100	74	98	76	101	69	99	75		
9....	98	64	101	71	97	74	100	69	99	77	97	97	73	98	76	104	72	100	74	100	74	101	69	100	75	
10....	100	64	97	75	96	73	100	71	95	77	99	76	96	70	101	75	94	77	100	64	99	72	100	69	100	74
11....	103	69	100	76	98	78	98	74	95	76	90	78	97	75	99	71</										